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IN THE CLAIMS:

1-26 (cancelled).

27 (original). A chromatography cartridge for use in a chromatography stand comprising:

- 5 a tube for containing chromatography media,  
an end cap defining a closed end of the tube, the end cap  
having an inner face received in the tube and an outer face for  
connection to said chromatography stand,  
the outer face having a connector portion formed therein  
adapted for plug-in connection to allow fluid communication with  
the interior of the tube.

28 (original). The chromatography cartridge as set forth in claim 27 wherein said connector portion is adapted to locate the tube upon said plug-in connection.

29 (original). The chromatography cartridge as set forth in claim 27 wherein said connector portion projects axially outward from the end of the tube.

30 (original). The chromatography cartridge as set forth in claim 29 wherein the connector portion is a cylindrical projection.

31 (original). The chromatography cartridge as set forth in claim 30 wherein the connector portion has a diameter of approximately 25 millimeters.

32 (original). The chromatography cartridge as set forth in claim 29 wherein the connector portion projects axially outward from the end of the tube by a distance of at least about 1 millimeters.

33 (original). The chromatography cartridge as set forth in claim 32 wherein the connector portion projects axially outward

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from the end of the tube by a distance between about 3 millimeters and about 5 millimeters.

34 (original). The chromatography cartridge as set forth in claim 32 wherein the connector portion projects axially outward from the end of the tube by a distance between about 6 millimeters and about 10 millimeters.

35 (original). The chromatography cartridge as set forth in claim 29 wherein the connector portion projects axially outward from the end of the tube by a distance of about 2 millimeters.

36 (original). The chromatography cartridge as set forth in claim 29 wherein the connector portion projects axially outward from the end of the tube by a distance of about 4 millimeters.

37 (original). The chromatography cartridge as set forth in claim 27 wherein said end cap further comprises an opening in the connector portion for establishing fluid communication with the interior of the tube.

38 (original). The chromatography cartridge as set forth in claim 37 wherein said opening comprises a conically shaped inlet section.

39 (original). The chromatography cartridge as set forth in claim 37 wherein said opening comprises a female luer fitting section.

40 (original). The chromatography cartridge as set forth in claim 27 wherein said tube has an annular region extending past the outer face of the end cap and deformed inwardly to retain the end cap in the tube.

41 (original). The chromatography cartridge as set forth in claim 40 wherein said annular region is heat crimped and deformed inwardly to contact the end cap.

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42 (original). The chromatography cartridge as set forth in claim 27 further comprising a frit received in the tube for contacting the chromatography media.

43 (original). A chromatography cartridge set comprising:  
a first tube,  
a second tube,  
end caps defining a closed interior space of the first and  
5 second tube,

a coupler for connecting the first and second tubes in end to end relation, the coupler being adapted for fluid communication therethrough between the first and second tubes.

44 (original). A chromatography cartridge set as set forth in claim 43 wherein said end caps comprise an outer face having a connector portion formed therein adapted for plug in connection to a chromatography stand.

45 (original). A chromatography cartridge set as set forth in claim 43 wherein said coupler comprises a nipple for fluid communication between said first and second tubes.

46 (original). A chromatography cartridge set as set forth in claim 45 wherein said coupler comprises an O-ring adapted for sealing connection between said first and second tubes.

47 (original). A chromatography cartridge set as set forth in claim 43 wherein said coupler comprises a connector having at least one male fitting for fluid connection between said first and second tubes.

48 (original). A chromatography cartridge set as set forth in claim 46 wherein said end caps comprise an opening for fluid communication with interior of a respective tube, said opening adapted for compressing said O-ring to form a sealing connection.

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49 (original). A chromatography cartridge set as set forth in claim 43 wherein said tubes contain chromatography media in said closed interior space.

50 (original). A chromatography cartridge set as set forth in claim 49 wherein said first or second tube contains a sample to be separated by fluid flow through the chromatography set.

51 (original). A chromatography cartridge set as set forth in claim 43 further comprising a sleeve for supporting and aligning said tubes in end to end relation.

52 (original). A chromatography cartridge set as set forth in claim 51 wherein said sleeve comprises a generally hollow tube for receiving the first and second tube.

53 (original). A chromatography cartridge set as set forth in claim 52 wherein said sleeve has an inner shoulder for contact with said first and second tubes.

54 (original). A chromatography cartridge set as set forth in claim 43 wherein said first and second tubes have at least one of a different diameter and a different length.

55 (original). A chromatography cartridge set as set forth in claim 43 further comprising a third tube and a fourth tube, said third and fourth tubes having at least one of a different diameter and a different length than the first and second tubes.

56-77 (cancelled).